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Name of Registered Representative:

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October 15, 1999  
Date of Signature

PATENT  
CASE NO. 56/327

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application: )  
)  
Dieter Michel et al. )  
) Group Art Unit: 2877  
Serial No.: 09/365,118 )  
) Examiner: unassigned  
Filed: July 30, 1999 )  
)  
For: ROTARY POSITION )  
MEASURING SYSTEM )

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In compliance with Applicants' duty of disclosure under 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97-1.98, Applicants hereby submit the following references for consideration by the Examiner. Copies of the references are enclosed along with a completed copy of Form PTO-1449.

**I. DISCLOSURE**

**A. U.S. Patents**

<u>Patent No.</u>	<u>Inventor</u>	<u>Issue Date</u>
4,815,850	Kanayama et al.	03/28/89
5,021,735	Maass et al.	06/04/91

**B. Foreign Patents**

<u>Reference No.</u>	<u>Country</u>	<u>Pub. Date</u>
36 09 211	W. Germany	09/24/87
37 02 203	Germany	07/30/87
39 00 464	Germany	07/12/90

**C. Other Information**

1. English language Abstract of West German reference 36 09 211.
2. English language Abstract of German reference 37 02 203.
3. English language Abstract of German reference 39 00 464.

**II. DISCUSSION**

**A. German Reference No. 36 09 211**

Based solely on the drawings and the English language Abstract, the '211 German reference is pertinent because it appears to disclose an angle transducer where a code plate turns in a beam path.

**B. German Reference No. 37 02 203**

Based solely on the drawings and the English language Abstract, the '203 German reference is pertinent because it appears to disclose a measurement system where multiple diffraction screens are used. It is believed that U.S. Patent No. 4,815,850 corresponds to the '203 German reference.

**C. German Reference No. 39 00 464**

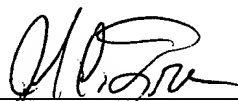
Based solely on the drawings and the English language Abstract, the '464 German reference is pertinent because it appears to disclose a signal track on a rotor. It is believed that

U.S. Patent No. 5,021,735 corresponds to the '464 German reference.

### **III. CONCLUSION**

It is believed that none of these references, alone or in combination, disclose or suggest the invention claimed. However, Applicants wish to make it clear that the disclosure of the above references is in no way an admission that they qualify as prior art. It is Applicants' desire, however, to have these references available in the record for both the Examiner and the public to see. Applicants therefore request that the Examiner review the entire disclosure of each reference and make the above-listed references of record.

Respectfully submitted,



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